

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061625\  
 Data File : VY022705.D  
 Acq On : 16 Jun 2025 14:36  
 Operator : SY/MD  
 Sample : Q2319-03  
 Misc : 5.82g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MH-B-VOC

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025  
 Supervised By :Mahesh Dadoda 06/17/2025

Quant Time: Jun 17 05:54:35 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060225S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 10 15:26:14 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.707  | 168   | 106038   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 196568   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 163686   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.347 | 152   | 60892    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 63369    | 53.432   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 106.860% |          |
| 35) Dibromofluoromethane    | 7.640  | 113   | 61063    | 52.045   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 104.080% |          |
| 50) Toluene-d8              | 10.109 | 98    | 237839   | 50.169   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 100.340% |          |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 61594    | 43.606   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 87.220%  |          |
| Target Compounds            |        |       |          |          |            |          |
| 20) Methylene Chloride      | 4.616  | 84    | 13047    | 9.536    | ug/l       | 98       |
| -----                       |        |       |          |          |            |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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